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FEBRUARY 08, 1999

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RECORDATION DATE: 10/07/1998

REEL/FRAME: 9512/0377  
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BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNEE:

YELLIN, DANIEL

DOC DATE: 09/14/1996

## ASSIGNEE:

DSPC ISRAEL LTD.  
 11 BEN GURION STREET  
 GIVAT SHMUEL, ISRAEL 51905

SERIAL NUMBER: 09103683  
 PATENT NUMBER:

FILING DATE: 06/15/1998  
 ISSUE DATE:

JOANN STEWART, EXAMINER  
 ASSIGNMENT DIVISION  
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RECORDATION

PA1

To the Honorable Commissioner of Patents and Trademarks.

100852788

Original or copy thereof.

Name of conveying party(ies):

DANIEL YELLIN

10-7-98

Additional name(s) of conveying party(ies) attached?  Yes  No

Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: 14 September 1998

2. Name and address of receiving party(ies):

Name: DSPC Israel Ltd.

Internal Address:

Street Address: 11 Ben Gurion Street

City: Givat Shmuel Country: Israel Zip: 51905

Additional name(s) & address(es) attached?  Yes  No

Application number(s) or patent number(s): 09,103,683

If this document is being filed together with a new application, the execution date of the application is:

## A. Patent Application No.(s)

(09/103,683)  
Filed June 15, 1998

## B. Patent No.(s)

Name and address of party to whom correspondence concerning document should be mailed:

Name: Darby &amp; Darby P.C.

Internal Address: S. Peter Ludwig

(3/1998 6DUCKETT 00000011 09103683

T:501 40.00 CP

Street Address: 805 Third Avenue, 27th Floor

City: New York State: New York Zip: 10022-7513

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number:

04-0100

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## Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

S. Peter Ludwig  
Name of Person Signing

Signature

October 5, 1998  
Date

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

0866/0E360

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged,  
I,

Daniel YELLIN of 13 Erez Street, Karmei Yosef 99797, Israel;

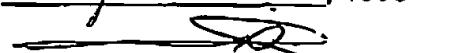
hereby sell, assign and transfer to DSPC, Israel Ltd., an Israeli company, having a place of business at 11 Ben Gurion Street, Givat Shmuel 51905, Israel, its successors and assigns, the entire right, title and interest throughout the world in our invention entitled:

**METHOD AND DEVICE FOR QUANTIZING THE INPUT TO SOFT DECODERS**

the specification of which was filed on June 15, 1998 under Serial No. 09/103,683, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; We agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 14<sup>th</sup> day of September, 1998

Daniel YELLIN  
(Full Name)

  
(Inventor's Signature)

Witness: Amir Francos

Witness: 01/17/2000, Eitan Pearl

ASSIGNMENT OF PATENTS BY DSPC ISRAEL LTD.  
TO D S P C TECHNOLOGIES LTD.

WHEREAS, DSPC Israel Ltd., a limited company of Israel, having offices at 11 Ben Gurion Street, Giv'at Shmuel, Israel ("DSPC Israel"), owns, by assignment, all right, title, and interest in and to the U.S. Patents and Patent Applications listed in Attachment A, the inventions disclosed and claimed therein, and all foreign patents and applications that rely thereon for priority ("the Patents"); and D S P C Technologies Ltd., a limited company of Israel, having offices at 11 Ben Gurion Street, Giv'at Shmuel, Israel (DSPC Technologies), desires to own DSPC Israel's entire right, title, and interest in and to the Patents in all countries throughout the world.

NOW THEREFORE, be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, DSPC Israel hereby sells, assigns, transfers, and sets over to DSPC Technologies, its lawful successors and assigns, DSPC Israel's entire right, title, and interest in and to the Patents; the inventions claimed therein, any other patent application directed to the inventions, and all Letters Patent of the United States that may be granted thereon, and all reissues, reexaminations, and extensions thereof; and all rights to claim priority on the basis of such application, and all applications for Letters Patent that may be filed for the inventions in any foreign country and all Letters Patent that may be granted on the inventions in any foreign country, and all extensions, renewals, and reissues thereof; and DSPC Israel hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to DSPC Technologies, its successors and assigns, in accordance with the terms of this Assignment;

AND, DSPC ISRAEL HEREBY further covenants that DSPC Israel has the full right to convey the interest assigned by this Assignment, DSPC Israel will take all action and execute all documents necessary to perfect the interest assigned hereby, and DSPC Israel has not executed and will not execute any agreement in conflict with this Assignment;

AND, DSPC ISRAEL HEREBY further covenants and agrees that DSPC Israel, through its officers and employees, will, without further consideration, communicate with DSPC Technologies, its successors and assigns, any facts known to DSPC Israel and its officers and employees respecting the inventions and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in said DSPC Technologies, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and generally do everything possible to aid DSPC Technologies, its successors and assigns, to obtain and enforce proper patent protection for the inventions in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by DSPC Technologies, its successors and assigns.

IN TESTIMONY WHEREOF, each party has caused its authorized representative to execute this Assignment.

DSPC Israel Ltd.

By G Hilc  
Mr Gabriel Hilcivitz, General Manager.  
Date Nov. 11, 1999

D S P C Technologies Ltd.

By G Hilc  
Gabriel Hilcivitz, General Manager.  
Date Nov. 11, 1999

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## Attachment A

DSPC Israel Ltd assigns to DSPC Technologies Ltd.



U.S. Patent #	Application #	Filing Date	Title	Internal Reference #
5,778,342	08/1595,357	02 Jan 1996	A Pattern Recognition System and Method	1 ✓
	08/869,728	05 Jun 1997	A Code Synchronization Unit and Method	11 ✓
	09/083,865	12 May 1998	Voice Channel Frequency Synchronization	13 ✓
	09/012,338	23 Jan 1998	Method and Device for Detecting Rate	17 ✓
	09/205,600	04 Dec 1998	Method for Initializing a Viterbi Decoder in Frame Mode	19 ✓
	09/012,367	23 Jan 1998	Non Linear Frequency Acquisition	20 ✓
	09/005,032	09 Jan 1998	An Efficient Way to Produce a Delayed Version of a Maximum Length Sequence	24 ✓
	08/977,397	24 Nov 1997	Reduced Real Time Processing in Stochastic CELP Coding	36 ✓
	09/161,309	28 Sept 1998	System and Method for Reducing Power Consumption in Waiting Mode	37 ✓
	09/103,683	15 Jun 1998	Method and Device for Quantizing the Input to Soft Decoders	46 ✓
	09/102,739	22 Jun 1998	A Noise Suppressor having Weighted Gain Smoothing	49 ✓
	09/187,840	06 Nov 1998	Frequency Tuning Apparatus for Radio Transceivers	56 ✓
<i>Sp. A</i>	09/156,891	18 Sep 1998	Cyclic Adaptive Single and Multi-User Receiver for DS-CDMA Signals	57 ✓

*Sp. A*  
09/156,891

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